

James E Klaunig

List of Publications by Citations

Source: <https://exaly.com/author-pdf/4663064/james-e-klaunig-publications-by-citations.pdf>

Version: 2024-04-24

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

187
papers

11,094
citations

49
h-index

101
g-index

202
ext. papers

12,031
ext. citations

4.4
avg, IF

6.32
L-index

#	Paper	IF	Citations
187	Prevention of cytotoxicity and inhibition of intercellular communication by antioxidant catechins isolated from Chinese green tea. <i>Carcinogenesis</i> , 1989 , 10, 1003-8	4.6	1231
186	The role of oxidative stress in carcinogenesis. <i>Annual Review of Pharmacology and Toxicology</i> , 2004 , 44, 239-67	17.9	1153
185	Oxidative stress and oxidative damage in carcinogenesis. <i>Toxicologic Pathology</i> , 2010 , 38, 96-109	2.1	659
184	Biological stress response terminology: Integrating the concepts of adaptive response and preconditioning stress within a hormetic dose-response framework. <i>Toxicology and Applied Pharmacology</i> , 2007 , 222, 122-8	4.6	512
183	PPARalpha agonist-induced rodent tumors: modes of action and human relevance. <i>Critical Reviews in Toxicology</i> , 2003 , 33, 655-780	5.7	479
182	Mouse liver cell culture. I. Hepatocyte isolation. <i>In Vitro</i> , 1981 , 17, 913-25		328
181	Oxidative stress and oxidative damage in chemical carcinogenesis. <i>Toxicology and Applied Pharmacology</i> , 2011 , 254, 86-99	4.6	295
180	Role of the Kupffer cell in mediating hepatic toxicity and carcinogenesis. <i>Toxicological Sciences</i> , 2007 , 96, 2-15	4.4	236
179	Mode of action in relevance of rodent liver tumors to human cancer risk. <i>Toxicological Sciences</i> , 2006 , 89, 51-6	4.4	220
178	Assessing the carcinogenic potential of low-dose exposures to chemical mixtures in the environment: the challenge ahead. <i>Carcinogenesis</i> , 2015 , 36 Suppl 1, S254-96	4.6	176
177	Mode of action framework analysis for receptor-mediated toxicity: The peroxisome proliferator-activated receptor alpha (PPAR) as a case study. <i>Critical Reviews in Toxicology</i> , 2014 , 44, 1-49	5.7	158
176	Nutritional model of steatohepatitis and metabolic syndrome in the Ossabaw miniature swine. <i>Hepatology</i> , 2009 , 50, 56-67	11.2	156
175	Overview: Using mode of action and life stage information to evaluate the human relevance of animal toxicity data. <i>Critical Reviews in Toxicology</i> , 2005 , 35, 664-72	5.7	142
174	Role of the mitochondrial membrane permeability transition (MPT) in rotenone-induced apoptosis in liver cells. <i>Toxicological Sciences</i> , 2000 , 53, 340-51	4.4	139
173	Chemical, oncogene and growth factor inhibition gap junctional intercellular communication: an integrative hypothesis of carcinogenesis. <i>Pathobiology</i> , 1990 , 58, 265-78	3.6	137
172	Oxidative Stress and Cancer. <i>Current Pharmaceutical Design</i> , 2018 , 24, 4771-4778	3.3	135
171	Evaluating the human relevance of chemically induced animal tumors. <i>Toxicological Sciences</i> , 2004 , 78, 181-6	4.4	129

170	Effect of transport stress on respiratory disease, serum antioxidant status, and serum concentrations of lipid peroxidation biomarkers in beef cattle. <i>American Journal of Veterinary Research</i> , 2004 , 65, 860-4	1.1	101
169	Alterations in brain structure and function in breast cancer survivors: effect of post-chemotherapy interval and relation to oxidative DNA damage. <i>Breast Cancer Research and Treatment</i> , 2013 , 137, 493-502	4.4	100
168	Novel mechanisms in chemically induced hepatotoxicity. <i>FASEB Journal</i> , 1994 , 8, 1285-95	0.9	98
167	The Role of Oxidative Stress in Chemical Carcinogenesis. <i>Environmental Health Perspectives</i> , 1998 , 106, 289	8.4	96
166	Inhibition of cellular transformation by berry extracts. <i>Carcinogenesis</i> , 2001 , 22, 351-6	4.6	92
165	Linear low-dose extrapolation for noncancer health effects is the exception, not the rule. <i>Critical Reviews in Toxicology</i> , 2011 , 41, 1-19	5.7	80
164	Acrylamide-induced cellular transformation. <i>Toxicological Sciences</i> , 2002 , 65, 177-83	4.4	80
163	Epigenetic mechanisms of chemical carcinogenesis. <i>Human and Experimental Toxicology</i> , 2000 , 19, 543-55	5.4	78
162	The human relevance of information on carcinogenic modes of action: overview. <i>Critical Reviews in Toxicology</i> , 2003 , 33, 581-9	5.7	77
161	The role of oxidative stress in indium phosphide-induced lung carcinogenesis in rats. <i>Toxicological Sciences</i> , 2001 , 64, 28-40	4.4	77
160	Chemopreventive effects of green and black tea on pulmonary and hepatic carcinogenesis. <i>Fundamental and Applied Toxicology</i> , 1996 , 29, 244-50		77
159	Hemangiosarcoma in rodents: mode-of-action evaluation and human relevance. <i>Toxicological Sciences</i> , 2009 , 111, 4-18	4.4	75
158	Acrylamide carcinogenicity. <i>Journal of Agricultural and Food Chemistry</i> , 2008 , 56, 5984-8	5.7	74
157	The PPAR α -dependent rodent liver tumor response is not relevant to humans: addressing misconceptions. <i>Archives of Toxicology</i> , 2018 , 92, 83-119	5.8	73
156	Effects of di-isononyl phthalate, di-2-ethylhexyl phthalate, and clofibrate in cynomolgus monkeys. <i>Toxicological Sciences</i> , 2000 , 56, 181-8	4.4	72
155	Studies on the specificity of the effects of oxygen metabolites on cardiac sodium pump. <i>Journal of Molecular and Cellular Cardiology</i> , 1990 , 22, 911-20	5.8	70
154	Conditional beta-catenin loss in mice promotes chemical hepatocarcinogenesis: role of oxidative stress and platelet-derived growth factor receptor alpha/phosphoinositide 3-kinase signaling. <i>Hepatology</i> , 2010 , 52, 954-65	11.2	68
153	Dose dependence of phenobarbital promotion of preneoplastic hepatic lesions in F344 rats and B6C3F1 mice: effects on DNA synthesis and apoptosis. <i>Carcinogenesis</i> , 1996 , 17, 947-54	4.6	66

152	A water soluble parthenolide analog suppresses in vivo tumor growth of two tobacco-associated cancers, lung and bladder cancer, by targeting NF- κ B and generating reactive oxygen species. <i>International Journal of Cancer</i> , 2011 , 128, 2481-94	7.5	65
151	Mode of Action analysis of perfluorooctanoic acid (PFOA) tumorigenicity and Human Relevance. <i>Reproductive Toxicology</i> , 2012 , 33, 410-418	3.4	64
150	A randomized placebo-controlled pilot study of N-acetylcysteine in youth with autism spectrum disorder. <i>Molecular Autism</i> , 2016 , 7, 26	6.5	63
149	The effect of tea consumption on oxidative stress in smokers and nonsmokers. <i>Proceedings of the Society for Experimental Biology and Medicine</i> , 1999 , 220, 249-54		63
148	Support of science-based decisions concerning the evaluation of the toxicology of mixtures: a new beginning. <i>Regulatory Toxicology and Pharmacology</i> , 2002 , 36, 34-9	3.4	59
147	Chemopreventive effects of green tea components on hepatic carcinogenesis. <i>Preventive Medicine</i> , 1992 , 21, 510-9	4.3	59
146	Induction of Oxidative Stress in Rat Brain by Acrylonitrile (ACN). <i>Toxicological Sciences</i> , 1998 , 46, 333-341	4.4	58
145	Inhibition of mouse hepatocyte intercellular communication by paraquat-generated oxygen free radicals. <i>Toxicology and Applied Pharmacology</i> , 1988 , 94, 427-36	4.6	58
144	Infection of rat liver epithelial cells with v-Ha-ras: correlation between oncogene expression, gap junctional communication, and tumorigenicity. <i>Molecular Carcinogenesis</i> , 1990 , 3, 54-67	5	57
143	Strain and species effects on the inhibition of hepatocyte intercellular communication by liver tumor promoters. <i>Cancer Letters</i> , 1987 , 36, 161-8	9.9	55
142	Comparative effects of phenobarbital, DDT, and lindane on mouse hepatocyte gap junctional intercellular communication. <i>Toxicology and Applied Pharmacology</i> , 1990 , 102, 553-63	4.6	53
141	Subchronic effects of dieldrin and phenobarbital on hepatic DNA synthesis in mice and rats. <i>Fundamental and Applied Toxicology</i> , 1996 , 29, 219-28		50
140	Reversal of ras-induced inhibition of gap-junctional intercellular communication, transformation, and tumorigenesis by lovastatin. <i>Molecular Carcinogenesis</i> , 1993 , 7, 50-9	5	50
139	Role of oxidative stress in the selective toxicity of dieldrin in the mouse liver. <i>Toxicology and Applied Pharmacology</i> , 1998 , 150, 301-9	4.6	49
138	Minocycline blocks 6-hydroxydopamine-induced neurotoxicity and free radical production in rat cerebellar granule neurons. <i>Life Sciences</i> , 2003 , 72, 1635-41	6.8	49
137	Oxidative stress in carcinogenesis. <i>Current Opinion in Toxicology</i> , 2018 , 7, 116-121	4.4	48
136	Induction of oxidative stress and oxidative damage in rat glial cells by acrylonitrile. <i>Carcinogenesis</i> , 1999 , 20, 1555-60	4.6	48
135	Inhibition of gap junctional intercellular communication and malignant transformation of rat liver epithelial cells by neu oncogene. <i>Carcinogenesis</i> , 1995 , 16, 311-7	4.6	47

134	Inhibition of hepatocyte gap junctional intercellular communication by endosulfan, chlordane and heptachlor. <i>Carcinogenesis</i> , 1990 , 11, 1097-101	4.6	46
133	Antioxidant prevention of tumor promoter induced inhibition of mouse hepatocyte intercellular communication. <i>Cancer Letters</i> , 1986 , 33, 137-50	9.9	45
132	Monograph: reassessment of human cancer risk of aldrin/dieldrin. <i>Toxicology Letters</i> , 1999 , 109, 123-86	4.4	44
131	Inhibition of gap junctional intercellular communication by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in rat hepatocytes. <i>Carcinogenesis</i> , 1995 , 16, 2321-6	4.6	44
130	Alkaline Comet Assay for Assessing DNA Damage in Individual Cells. <i>Current Protocols in Toxicology / Editorial Board, Mahin D Maines (editor-in-chief) [et Al]</i> , 2015 , 65, 3.12.1-3.12.11	1	43
129	Evaluation of the chronic toxicity and carcinogenicity of perfluorohexanoic acid (PFHxA) in Sprague-Dawley rats. <i>Toxicologic Pathology</i> , 2015 , 43, 209-20	2.1	42
128	Effects of tumor promoters, genotoxic carcinogens and hepatocytotoxins on mouse hepatocyte intercellular communication. <i>Cell Biology and Toxicology</i> , 1986 , 2, 469-83	7.4	42
127	Proposed mode of action of benzene-induced leukemia: Interpreting available data and identifying critical data gaps for risk assessment. <i>Chemico-Biological Interactions</i> , 2010 , 184, 279-85	5	39
126	Comparative effects of phthalate monoesters on gap junctional intercellular communication and peroxisome proliferation in rodent and primate hepatocytes. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2002 , 65, 569-88	3.2	37
125	Acrylonitrile-induced oxidative stress and oxidative DNA damage in male Sprague-Dawley rats. <i>Toxicological Sciences</i> , 2009 , 111, 64-71	4.4	36
124	Effects of Di-2-ethylhexyl phthalate (DEHP) on gap-junctional intercellular communication (GJIC), DNA synthesis, and peroxisomal beta oxidation (PBOX) in rat, mouse, and hamster liver. <i>Toxicological Sciences</i> , 2000 , 56, 73-85	4.4	36
123	Human relevance of rodent liver tumors: Key insights from a Toxicology Forum workshop on nongenotoxic modes of action. <i>Regulatory Toxicology and Pharmacology</i> , 2018 , 92, 1-7	3.4	36
122	Selective dieldrin promotion of hepatic focal lesions in mice. <i>Carcinogenesis</i> , 1996 , 17, 1243-50	4.6	35
121	Effects of trichloroethylene and its metabolites on rodent hepatocyte intercellular communication. <i>Toxicology and Applied Pharmacology</i> , 1989 , 99, 454-65	4.6	35
120	Subchronic acrylamide treatment induces a tissue-specific increase in DNA synthesis in the rat. <i>Toxicology Letters</i> , 2004 , 154, 95-103	4.4	34
119	Reversibility and persistence of di-2-ethylhexyl phthalate (DEHP)- and phenobarbital-induced hepatocellular changes in rodents. <i>Toxicological Sciences</i> , 2001 , 64, 192-9	4.4	34
118	Evaluation of amiodarone free radical toxicity in rat hepatocytes. <i>Toxicology Letters</i> , 1991 , 56, 117-26	4.4	34
117	Cytotoxicity of halogenated alkanes in primary cultures of rat hepatocytes from normal, partial hepatectomized, and preneoplastic/neoplastic liver. <i>Toxicology and Applied Pharmacology</i> , 1985 , 80, 274-83	4.6	33

116	Mechanisms of acrylamide induced rodent carcinogenesis. <i>Advances in Experimental Medicine and Biology</i> , 2005 , 561, 49-62	3.6	32
115	Inhibition of tumor promotion and hepatocellular growth by dietary restriction in mice. <i>Carcinogenesis</i> , 1996 , 17, 1657-64	4.6	32
114	Effects of culture duration on hydrogen peroxide-induced hepatocyte toxicity. <i>Toxicology and Applied Pharmacology</i> , 1989 , 100, 451-64	4.6	32
113	Selective resistance to cytotoxic agents in hepatocytes isolated from partially hepatectomized and neoplastic mouse liver. <i>Cancer Letters</i> , 1985 , 26, 295-301	9.9	32
112	Toxicology of decamethylcyclopentasiloxane (D5). <i>Regulatory Toxicology and Pharmacology</i> , 2016 , 74 Suppl, S67-76	3.4	31
111	Vitamin E modulation of hepatic focal lesion growth in mice. <i>Toxicology and Applied Pharmacology</i> , 1997 , 143, 380-7	4.6	31
110	The Effect of Tea Consumption on Oxidative Stress in Smokers and Nonsmokers. <i>Experimental Biology and Medicine</i> , 1999 , 220, 249-254	3.7	31
109	Effect of dietary antioxidants on dieldrin-induced hepatotoxicity in mice. <i>Toxicology Letters</i> , 1995 , 75, 177-83	4.4	31
108	A comparison of the lung adenoma response in strain A/J mice after intraperitoneal and oral administration of carcinogens. <i>Toxicology and Applied Pharmacology</i> , 1984 , 72, 313-23	4.6	31
107	Phenobarbital promotion in diethylnitrosamine-initiated infant B6C3F1 mice: influence of gender. <i>Carcinogenesis</i> , 1989 , 10, 609-12	4.6	30
106	Antioxidant vitamin C prevents decline in endothelial function during sitting. <i>Medical Science Monitor</i> , 2015 , 21, 1015-21	3.2	29
105	Dose-related induction of hepatic preneoplastic lesions by diethylnitrosamine in C57BL/6 mice. <i>Toxicologic Pathology</i> , 2011 , 39, 776-86	2.1	28
104	A multiple-site laboratory evaluation of three on-site urinalysis drug-testing devices. <i>Journal of Analytical Toxicology</i> , 1998 , 22, 493-502	2.9	28
103	The potential for chemical mixtures from the environment to enable the cancer hallmark of sustained proliferative signalling. <i>Carcinogenesis</i> , 2015 , 36 Suppl 1, S38-60	4.6	27
102	Acrylonitrile-induced oxidative DNA damage in rat astrocytes. <i>Environmental and Molecular Mutagenesis</i> , 2006 , 47, 631-8	3.2	27
101	Hepatic effects of 2-butoxyethanol in rodents. <i>Toxicological Sciences</i> , 2002 , 70, 252-60	4.4	27
100	Morphological transformation by 8-hydroxy-2Sdeoxyguanosine in Syrian hamster embryo (SHE) cells. <i>Toxicological Sciences</i> , 2000 , 56, 303-12	4.4	27
99	Amiodarone- and desethylamiodarone-induced myelinoid inclusion bodies and toxicity in cultured rat hepatocytes. <i>Hepatology</i> , 1990 , 11, 81-92	11.2	27

98	Indicators of oxidative stress and apoptosis in mouse whole lung and Clara cells following exposure to styrene and its metabolites. <i>Toxicology</i> , 2009 , 264, 171-8	4.4	26
97	Reversibility of promoter induced hepatic focal lesion growth in mice. <i>Carcinogenesis</i> , 1996 , 17, 1403-9	4.6	26
96	Mechanisms of 2-butoxyethanol-induced hemangiosarcomas. <i>Toxicological Sciences</i> , 2006 , 92, 378-86	4.4	26
95	Comparative in vivo hepatic effects of Di-isononyl phthalate (DINP) and related C7-C11 dialkyl phthalates on gap junctional intercellular communication (GJIC), peroxisomal beta-oxidation (PBOX), and DNA synthesis in rat and mouse liver. <i>Toxicological Sciences</i> , 2000 , 54, 312-21	4.4	26
94	Acrylonitrile-induced morphological transformation in Syrian hamster embryo cells. <i>Carcinogenesis</i> , 2000 , 21, 727-33	4.6	26
93	Comparison of glucocorticoid-mediated changes in the expression and function of rat hepatocyte gap junctional proteins. <i>Carcinogenesis</i> , 1994 , 15, 1753-7	4.6	26
92	Modification of gap junctional intercellular communication by changes in extracellular pH in Syrian hamster embryo cells. <i>Carcinogenesis</i> , 1990 , 11, 909-13	4.6	26
91	Autophagy plays a protective role in Mn-induced toxicity in PC12 cells. <i>Toxicology</i> , 2018 , 394, 45-53	4.4	26
90	Modulation of xenobiotic nuclear receptors in high-fat diet induced non-alcoholic fatty liver disease. <i>Toxicology</i> , 2018 , 410, 199-213	4.4	25
89	Evaluating uncertainty to strengthen epidemiologic data for use in human health risk assessments. <i>Environmental Health Perspectives</i> , 2014 , 122, 1160-5	8.4	25
88	Inhibition of WY-14,643 induced hepatic lesion growth in mice by rotenone. <i>Carcinogenesis</i> , 1997 , 18, 1511-9	4.6	24
87	Dose-response relationship of diethylnitrosamine-initiated tumors in neonatal balb/c mice: effect of phenobarbital promotion. <i>Toxicologic Pathology</i> , 1988 , 16, 381-5	2.1	24
86	Role of cyclic AMP in the inhibition of mouse hepatocyte intercellular communication by liver tumor promoters. <i>Toxicology and Applied Pharmacology</i> , 1987 , 91, 159-70	4.6	23
85	Gamma glutamyl transpeptidase in safrole-induced, presumptive premalignant mouse hepatocytes. <i>Carcinogenesis</i> , 1980 , 1, 151-6	4.6	23
84	The effects of perfluorooctanoate on high fat diet induced non-alcoholic fatty liver disease in mice. <i>Toxicology</i> , 2019 , 416, 1-14	4.4	22
83	The effect of acrylonitrile on gap junctional intercellular communication in rat astrocytes. <i>Cell Biology and Toxicology</i> , 1999 , 15, 173-83	7.4	22
82	Investigation of the mechanism of triclosan induced mouse liver tumors. <i>Regulatory Toxicology and Pharmacology</i> , 2017 , 86, 137-147	3.4	20
81	Biological relevance of decamethylcyclopentasiloxane (D5) induced rat uterine endometrial adenocarcinoma tumorigenesis: Mode of action and relevance to humans. <i>Regulatory Toxicology and Pharmacology</i> , 2016 , 74 Suppl, S44-56	3.4	19

80	Oxidative stress in chronic liver disease: relationship between peripheral and hepatic measurements. <i>American Journal of the Medical Sciences</i> , 2011 , 342, 314-7	2.2	19
79	Effect of oral methyl-t-butyl ether (MTBE) on the male mouse reproductive tract and oxidative stress in liver. <i>Reproductive Toxicology</i> , 2008 , 26, 246-53	3.4	19
78	Cancer dose--response assessment for acrylonitrile based upon rodent brain tumor incidence: use of epidemiologic, mechanistic, and pharmacokinetic support for nonlinearity. <i>Regulatory Toxicology and Pharmacology</i> , 2005 , 43, 85-103	3.4	19
77	Mechanisms for the induction of oxidative stress in Syrian hamster embryo cells by acrylonitrile. <i>Toxicological Sciences</i> , 2002 , 67, 247-55	4.4	19
76	Mode of action of butoxyethanol-induced mouse liver hemangiosarcomas and hepatocellular carcinomas. <i>Toxicology Letters</i> , 2005 , 156, 107-15	4.4	18
75	Effects of 2-butoxyethanol on hepatic oxidative damage. <i>Toxicology Letters</i> , 2002 , 126, 19-29	4.4	18
74	Effect of the age of B6C3F1 mice on phenobarbital promotion of diethylnitrosamine-initiated liver tumors. <i>Toxicology and Applied Pharmacology</i> , 1987 , 90, 79-85	4.6	18
73	Mechanistic Investigation of Toxaphene Induced Mouse Liver Tumors. <i>Toxicological Sciences</i> , 2015 , 147, 549-61	4.4	16
72	Role of xenobiotics in the induction and progression of fatty liver disease. <i>Toxicology Research</i> , 2018 , 7, 664-680	2.6	16
71	Assessment of possible carcinogenicity of oxyfluorfen to humans using mode of action analysis of rodent liver effects. <i>Toxicological Sciences</i> , 2012 , 128, 334-45	4.4	16
70	Assessment of the Mode of Action Underlying the Effects of GenX in Mouse Liver and Implications for Assessing Human Health Risks. <i>Toxicologic Pathology</i> , 2020 , 48, 494-508	2.1	15
69	Icariin protects rotenone-induced neurotoxicity through induction of SIRT3. <i>Toxicology and Applied Pharmacology</i> , 2019 , 379, 114639	4.6	15
68	Species differences in the induction of hepatocellular DNA synthesis by diethanolamine. <i>Toxicological Sciences</i> , 2005 , 87, 328-36	4.4	15
67	Effect of oxidative stress on DNA damage and beta-amyloid precursor proteins in lymphoblastoid cell lines from a Nigerian population. <i>Annals of the New York Academy of Sciences</i> , 1999 , 893, 331-6	6.5	15
66	Comparison of the effects of acute and subacute treatment of phenobarbital in different strains of mice. <i>Cancer Letters</i> , 1989 , 48, 43-51	9.9	15
65	Metabolism and DNA binding of 2,6-dinitrotoluene in Fischer-344 rats and A/J mice. <i>Toxicology and Applied Pharmacology</i> , 1986 , 82, 53-61	4.6	15
64	In vitro transformation of rat esophageal epithelial cells with N-nitrosobenzylmethylamine. <i>Carcinogenesis</i> , 1982 , 3, 629-34	4.6	15
63	Caenorhabditis elegans neuron degeneration and mitochondrial suppression caused by selected environmental chemicals. <i>International Journal of Biochemistry and Molecular Biology</i> , 2013 , 4, 191-200	0.4	15

62	Modeling of xenobiotic transport and metabolism in virtual hepatic lobule models. <i>PLoS ONE</i> , 2018 , 13, e0198060	3.7	15
61	Effect of different obesogenic diets on pancreatic histology in Ossabaw miniature swine. <i>Pancreas</i> , 2011 , 40, 438-43	2.6	14
60	Morphological transformation and oxidative stress induced by cyanide in Syrian hamster embryo (SHE) cells. <i>Toxicological Sciences</i> , 2002 , 68, 437-43	4.4	14
59	Transforming growth factor-alpha in carcinogen-induced F344 rat hepatic foci. <i>Toxicology and Applied Pharmacology</i> , 1996 , 140, 131-45	4.6	14
58	Contribution of environment and genetics to pancreatic cancer susceptibility. <i>PLoS ONE</i> , 2014 , 9, e90052	3.7	13
57	Streptozotocin-induced diabetes increases gamma-glutamyltranspeptidase activity but not expression in rat liver. <i>Journal of Biochemical and Molecular Toxicology</i> , 1998 , 12, 219-25	3.4	13
56	Mechanisms of 2-butoxyethanol carcinogenicity: studies on Syrian Hamster Embryo (SHE) cell transformation. <i>Toxicological Sciences</i> , 2002 , 68, 43-50	4.4	13
55	Carcinogen induced unscheduled DNA synthesis in mouse hepatocytes. <i>Toxicologic Pathology</i> , 1984 , 12, 119-25	2.1	13
54	Biological relevance of effects following chronic administration of octamethylcyclotetrasiloxane (D4) in Fischer 344 rats. <i>Toxicology Letters</i> , 2017 , 279 Suppl 1, 42-53	4.4	12
53	Cytotoxic interactions of cardioactive cationic amphiphilic compounds in primary rat hepatocytes in culture. <i>Hepatology</i> , 1990 , 12, 48-58	11.2	12
52	Tumor-localizing and photosensitizing properties of hematoporphyrin derivative in hamster buccal pouch carcinoma. <i>Oral Surgery, Oral Medicine, and Oral Pathology</i> , 1986 , 61, 368-72		12
51	Toxaphene-induced mouse liver tumorigenesis is mediated by the constitutive androstane receptor. <i>Journal of Applied Toxicology</i> , 2017 , 37, 967-975	4.1	11
50	Comparative effects of dieldrin on hepatic ploidy, cell proliferation, and apoptosis in rodent liver. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2001 , 62, 127-41	3.2	11
49	Induction of oxidative stress in rat brain by acrylonitrile (ACN). <i>Toxicological Sciences</i> , 1998 , 46, 333-41	4.4	11
48	Protective effects of antioxidants on acrylonitrile-induced oxidative stress in female F344 rats. <i>Environmental Toxicology</i> , 2016 , 31, 1808-1818	4.2	10
47	Kupffer cells participate in 2-butoxyethanol-induced liver hemangiosarcomas. <i>Toxicology</i> , 2010 , 270, 131-6	4.4	10
46	Oxidative status in neuroblastoma: a source of stress?. <i>Journal of Pediatric Surgery</i> , 2008 , 43, 330-4	2.6	10
45	Thyrotropin-releasing hormone (protirelin) inhibits potassium-stimulated glutamate and aspartate release from hippocampal slices in vitro. <i>Brain Research</i> , 2005 , 1054, 45-54	3.7	10

44	Reactivity and toxicity of atracurium and its metabolites in vitro. <i>Canadian Journal of Anaesthesia</i> , 1989 , 36, 262-8	3	10
43	Isolation and characterization of metastatic sublines from a murine transitional cell bladder carcinoma. <i>Clinical and Experimental Metastasis</i> , 1986 , 4, 1-11	4.7	10
42	Interaction of ketosis and liver regeneration in the rat. <i>Journal of Surgical Research</i> , 1989 , 47, 427-32	2.5	9
41	Cryopreservation of human blood for alkaline and Fpg-modified comet assay. <i>Toxicology Mechanisms and Methods</i> , 2016 , 26, 196-201	3.6	8
40	Development of a cytokine-producing immortalized murine Kupffer cell line. <i>Cytokine</i> , 2014 , 70, 165-72	4	8
39	Re: Waalkes et al.: Lung tumors in mice induced by "whole-life" inorganic arsenic exposure at human-relevant doses, Arch Toxicol, 2014. <i>Archives of Toxicology</i> , 2014 , 88, 2061-2	5.8	8
38	Liver tumor promoting ability of corn oil gavage in B6C3F1 male mice. <i>Cancer Letters</i> , 1990 , 50, 215-9	9.9	8
37	A toxicogenomic approach for the risk assessment of the food contaminant acetamide. <i>Toxicology and Applied Pharmacology</i> , 2020 , 388, 114872	4.6	8
36	A simple automated method for continuous fieldwise measurement of microvascular hemodynamics. <i>Microvascular Research</i> , 2019 , 123, 7-13	3.7	8
35	Assessment of gap junctional intercellular communication. <i>Current Protocols in Toxicology / Editorial Board, Mahin D Maines (editor-in-chief) [et Al]</i> , 2009 , Chapter 2, Unit2.17	1	6
34	Lack of promoting effect of clonazepam on the development of N-nitrosodiethylamine-initiated hepatocellular tumors in mice is correlated with its inability to inhibit cell-to-cell communication in mouse hepatocytes. <i>Carcinogenesis</i> , 1989 , 10, 1719-24	4.6	6
33	Mitochondrial depolarization and repolarization in the early stages of acetaminophen hepatotoxicity in mice. <i>Toxicology</i> , 2020 , 439, 152464	4.4	6
32	Pharmacokinetics and toxicity of the novel oral demethylating agent zebularine in laboratory and tumor bearing dogs. <i>Veterinary and Comparative Oncology</i> , 2017 , 15, 226-236	2.5	5
31	The Effects of Green Tea Extract on Working Memory in Healthy Women. <i>Journal of Nutrition, Health and Aging</i> , 2018 , 22, 446-450	5.2	5
30	Upholding science in health, safety and environmental risk assessments and regulations. <i>Toxicology</i> , 2016 , 371, 12-16	4.4	5
29	Response to the Waalkes et al., Letter to the editor concerning our "letter to the editor, Re: Lung tumors in mice induced by "whole-life" inorganic arsenic exposure at human relevant doses, Waalkes et al., Arch Toxicol, 2014". <i>Archives of Toxicology</i> , 2015 , 89, 2167-8	5.8	5
28	Vancomycin assay performance in patients with end-stage renal disease receiving hemodialysis. <i>Pharmacotherapy</i> , 2000 , 20, 653-6	5.8	5
27	Constitutive androstane receptor (CAR) mediates dieldrin-induced liver tumorigenesis in mouse. <i>Archives of Toxicology</i> , 2020 , 94, 2873-2884	5.8	5

26	Spatial Temporal Analysis of Fieldwise Flow in Microvasculature. <i>Journal of Visualized Experiments</i> , 2019 ,	1.6	5
25	Mechanism of 1,3-dichloropropene-induced rat liver carcinogenesis. <i>Toxicological Sciences</i> , 2015 , 143, 6-15	4.4	4
24	Response to Druwe and Burgoon : Re: Druwe, I.L. and Burgoon, L.: revisiting Cohen et al. 2015, Cohen et al. 2014 and Waalkes et al. 2014: a bayesian re-analysis of tumor incidences. <i>Archives of Toxicology</i> , 2016 , 90, 3129-3130	5.8	4
23	Depletion of Kupffer cells modulates ethanol-induced hepatocyte DNA synthesis in C57Bl/6 mice. <i>Environmental Toxicology</i> , 2014 , 29, 867-75	4.2	4
22	Effect of endurance exercise training on liver gene expression in male and female mice. <i>Applied Physiology, Nutrition and Metabolism</i> , 2021 , 46, 356-367	3	4
21	Mechanisms of hepatic cancer by persistent organic pollutants. <i>Current Opinion in Toxicology</i> , 2020 , 19, 105-111	4.4	3
20	Effect of polyhexamethylene biguanide on rat liver. <i>Toxicology Letters</i> , 2018 , 285, 94-103	4.4	3
19	Cancer biology and hormesis: commentary. <i>Critical Reviews in Toxicology</i> , 2005 , 35, 593-4	5.7	3
18	The effects of ecstasy (MDMA) on rat liver bioenergetics. <i>Academic Emergency Medicine</i> , 2004 , 11, 723-9	3.4	3
17	Interplay between MMP-8 and TGF- β and its role in regulation of epithelial to mesenchymal transition in hepatocellular carcinoma. <i>Translational Cancer Research</i> , 2016 , 5, S1135-S1138	0.3	3
16	The Effects of Ecstasy (MDMA) on Rat Liver Bioenergetics. <i>Academic Emergency Medicine</i> , 2004 , 11, 723-729	3.4	2
15	Formation of benzo(a)pyrene-7,8-dihydrodiol glucuronide is a major pathway of metabolism of benzo(a)pyrene in cell cultures from bluegill fry and brown bullhead. <i>Aquatic Toxicology</i> , 1988 , 11, 398	5.1	2
14	A computational model of liver tissue damage and repair. <i>PLoS ONE</i> , 2020 , 15, e0243451	3.7	2
13	Children's Inter-Individual Variability and Asthma Development. <i>International Journal of Health Sciences</i> , 2015 , 9, 456-67	1.1	2
12	Endothelial dysfunction in pathological processes of chronic liver disease during aging.. <i>FASEB Journal</i> , 2022 , 36, e22125	0.9	2
11	Carcinogenesis 2020 , 97-110		1
10	Induction of endogenous retroelements as a potential mechanism for mouse-specific drug-induced carcinogenicity. <i>PLoS ONE</i> , 2017 , 12, e0176768	3.7	1
9	Biotransformation of 2,4,6-tris(2,4,6-tribromophenoxy)-1,3,5-triazine (TTBP-TAZ) can contribute to high levels of 2,4,6-tribromophenol (2,4,6-TBP) in humans. <i>Environment International</i> , 2021 , 158, 106943	12.9	0

- 8 The effect of endurance training on non-alcoholic fatty liver disease in mice. *Physiological Reports*, **2021**, 9, e14926 2.6 0
- 7 Comments on the safety assessment of decamethylcyclopentasiloxane (D5) published in regulatory toxicology and pharmacology, 2017, 83:117-118. *Regulatory Toxicology and Pharmacology*, **2017**, 89, 305-306 3.4
- 6 Remembering Benjamin Franklin Trump. *Veterinary Pathology*, **2008**, 45, 611-2 2.8
- 5 Green Tea Consumption Reduces Oxidative DNA Damage and Lipid Peroxidation in Smokers and Non-Smokers. *FASEB Journal*, **2015**, 29, 922.8 0.9
- 4 A computational model of liver tissue damage and repair **2020**, 15, e0243451
- 3 A computational model of liver tissue damage and repair **2020**, 15, e0243451
- 2 A computational model of liver tissue damage and repair **2020**, 15, e0243451
- 1 A computational model of liver tissue damage and repair **2020**, 15, e0243451